LAKSHYA VERMA

B.Tech. Mechanical Engineering
UG(III Year II Semester)
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Indian Institute of
Technology
Roorkee

Area of Interest

MERN stack Web Development, Front-end web development

Education

Year	Degree/Examination	Institution/Board	CGPA/Percentage
2021	B.Tech. 3rd Year	Indian Institute of Technology, Roorkee	*6.62*
2017	Twelfth	Kendriya Vidyalaya No. 1, Jaipur, Rajasthan	*86.8 %*
2015	Tenth	Kendriya Vidyalaya No. 1, Jaipur, Rajasthan	*10.0*

Projects

Blog-website   Jun 2021 - Jun 2021

https://github.com/lakshv06/Blog-website

Blog-website is a blog-post complete web app with no SQL mongoose database. User can create blogs and use it or delete it later. Front end is built using HTML 5, CSS 3, JS and related libraries. Back-end is handled using Node.js, express.js, EJS.

TodoList-web app   May 2021 - Jun 2021

https://github.com/lakshv06/toDoList

ToDo list is a completed web app with database. User can add todolist items to the account and can delete the same. Front end is Built using HTML 5, CSS 3, JS. Back-end is handled using node.js, express.js, ejs. The database used is noSQL mongoose.

Newsletter-Sign-Up   May 2021 - Jun 2021

https://github.com/lakshv06/Newsletter-signup

Newsletter Sign-up is web app without database for a newsletter site. User can sign-in or register to newsletter site. Frontend is built using HTML, CSS 3, JS and related libraries. Back-end is handled using Node.js, express.js and mailchimp API.

Keeper-app Front-end website   Apr 2021 - May 2021

https://lakshv06.github.io/keeper-app/

Keeper-app is a front-end React JS web app. It can be used for saving notes (with description and content) and user can delete the saved note if he/she wishes to. Created using knowledge of HTML 5, CSS 3, JS ES6, Reacts JS and there libraries.

Simon Game- Front end Game web app   Apr 2021 - May 2021

https://lakshv06.github.io/SimongameMysite/

Simon game is front end web app game built using advanced Javascript concepts. The styling and user Interface is done using HTML 5, CSS 3 and the related libraries and frameworks.

TinDog - Front end UI UX design web app   May 2021 - May 2021

https://lakshv06.github.io/TindogMysite/

TinDog is front end web app for a marketing website TinDog -Dog partner (hypothetical). Front End is designed using HTML 5, CSS 3 and related frameworks like bootstrap. Highly user friendly and responsive UI-UX web app.

Shock Tube Calculator | Department of Mechanical and Industrial Engineering, IIT Roorkee
                                                          September 2020 - November 2020

https://drive.google.com/file/d/1gZ1U0XoFBM7wX2k0dzBTgn0bkNbqHOy3/view?usp=sharing

Worked on a project in creating a shock tube calculator which is often useful in the study of nature of shock waves forming in compressible flow, under the guidance of Dr. Ankit Bansal, Associate Professor, IIT Roorkee.
The project included study of change in properties of a shock wave due to change in some thermodynamic properties of medium

Skills

Computer languages	C++, Javascript, HTML 5
Software Packages	MongoDB, mongoose, Express.js, React.js, Node.js, RestAPI
Languages Known	English (SRW) , Hindi (SRW)

Positions of Responsibility & Extra Curriculars

National Service Scheme, IIT Roorkee   2018-19

- Worked as an active member of the cell Swachh Bharat Abhiyan, NSS, IIT Roorkee.
- Had visited nearby school in the college itself. Interacted with the students there, gave a new look to classrooms and   h

elped in making a school library.
- Visited nearby places in Roorkee for the purpose of spreading awareness regarding cleanliness and its importance.
- Volunteered in Blood Donation Camp organised in September 2018 under NSS, IIT Roorkee.

2019

Quadcopter Workshop Coordinator | Cognizance (2019)
- Managed a Quadcopter Workshop event in Cognizance 2019, the annual tech fest of IIT Roorkee. It saw a huge participation of students from all across the nation.
- Coordinated between the participants, professor(workshop lead) and Cognizance organising team.
- Responsible for the logistics, finance and operations of the event.